

# CUTLASS



**Cutlass - Linear LED Lighting.** The Cutlass is designed primarily for flush mount applications. With the many options available, it is highly modular versatile and easy to install.

## Ordering Code

Fixture	<b>555</b>	<b>915</b>						
	1	2	3	4	5	6	7	8
Driver		<b>24</b>						
	1	2	3	4	5			

## Product Specifications

**SAMPLE :** Fixture **555 - 915 - 500 - 062 - 27 - 02 - E36 - 6'** | Driver **902 - 24 - 025 - STD - 120**

1 - Type	2 - Model	3 - Lens	4 - LED Style*2/4				
<b>555</b> · Profile	<b>915</b> · Cutlass	<b>500</b> · Frosted <b>502</b> · Clear	Eco	Pro 56	Pro 112	Controlled White <sup>3</sup>	RGB <sup>3</sup>
			<b>030</b> · 110	<b>062</b> · 194	<b>122</b> · 383	<b>CT1</b> · 1059	<b>RGB</b> · RGB
			<b>060</b> · 207	<b>117</b> · 376	<b>175</b> · 559		<b>RGBW</b> · RGB+W
			<b>095</b> · 329	<b>167</b> · 540	<b>221</b> · 742		
			<b>120</b> · 433	<b>219</b> · 706	<b>271</b> · 910	<b>382</b> · 1235	

5 - CCT	6 - Finish	7 - Feed Point	8 - Fixture Length*4
Eco	<b>01</b> · White*1	<b>B36</b> · 36" Back Fed	<b>XX</b> · Custom (XX.XX) <i>Continuous runs will be made in equal sections no more than 8' long</i>
Pro 80 CRI	<b>02</b> · Black*1	<b>E36</b> · 36" End Fed	
Pro 90 CRI	<b>08</b> · Silver*1	<b>BXX</b> · Custom Back Fed	
Controlled White <sup>3</sup>	<b>XX</b> · Custom	<b>EXX</b> · Custom End Fed	
<b>CT1</b> · 2000 - 5700K			
<b>27</b> · 2700K			
<b>32</b> · 3200K			
<b>41</b> · 4100K			
Pro 2500K			
Pro 3000K			
Pro 3500K			
Pro 4000K			
Pro 5000K			
RGB <sup>3</sup>			
<b>98</b> · RGB			
<b>99</b> · RGB+W			

1 - Driver	2 - Output Voltage	3 - Wattage	4 - Control	Dim Level	Dim Level	5 - Input Voltage
<b>902</b> · Standard Driver	<b>24</b> · 24V	<b>025</b> · 25W*5 <b>040</b> · 40W <b>060</b> · 60W <b>096</b> · 96W	<b>STD</b> · Standard Driver	N/A	<b>DALI</b> · Dali Protocol <sup>7</sup>	0.1%
<b>908</b> · Magnetic Low-Voltage			<b>DIM</b> · Magnetic Driver*6	1%	<b>DMX</b> · SENSO	1%
	<b>LCS</b> · 0 - 10 Volt Protocol		1%	<b>LUTRON</b> · CV Ecosystem <sup>7</sup>	0.1%	
				3-Wire		
					<b>120</b> · 120V	
					<b>277</b> · 277V	
					<b>347</b> · 347V*8	

\*1 Anodized finish  
\*2 Measured in Lm/ft  
\*3 DMX driver required  
\*4 Refer to page 2 for LED cut length intervals  
\*5 Not available with 908 Driver  
\*6 Only available with 908 driver and 120V  
\*7 Only available in 96W  
\*8 Not available in ELDO, LUTRON or DMX

## 24V Linear LED Light Source

	STYLE	WATT/FT	LUMENS/FT	CRI	MAX. LENGTH	CUT LENGTH	LED/FT	Color TEMPERATURE	DESCRIPTION
<b>ECO</b>	<b>030</b>	1.46	110	83	16.4'	3.94"	18	2700K, 3200K, 4100K	Versatile strip with 3 LED densities, 3 color temperatures and a CRI of 83
	<b>060</b>	2.93	207	83	16.4'	1.97"	36		
	<b>095</b>	4.39	329	83	16.4'	3.94"	18		
	<b>120</b>	5.85	433	83	16.4'	0.98"	73		
<b>PRO 56</b>	<b>062</b>	1.5	194	80/90	32.8'	4.92"	17	80 CRI 2200K, 2500K	Even LED layout (56 led/m - 17 led/ft) for balanced performance and efficiency
	<b>117</b>	2.9	376	80/90	16.4'	4.92"	17		
	<b>167</b>	4.4	540	80/90	13.1'	4.92"	17		
	<b>219</b>	5.9	706	80/90	9.84'	4.92"	17		
<b>PRO 112</b>	<b>122</b>	2.9	383	80/90	23.0'	2.46"	34	90 CRI 2700K, 3000K, 3500K, 4000K, 5000K	Dense LED layout (112 led/m - 34 led/ft) creates no dots with frosted lens
	<b>175</b>	4.4	559	80/90	14.75'	2.46"	34		
	<b>221</b>	5.9	742	80/90	11.5'	2.46"	34		
	<b>271</b>	7.3	910	80/90	9.8'	2.46"	34		
	<b>382</b>	10.2	1235	80/90	6.55'	2.46"	34		
<b>Controlled White</b>	<b>CT1</b>	10.67	1059	85	14.75'	3.54"	40	2000K - 5700K	Color Tunable led strip with a warm/cool range from 2000K to 5700K
<b>RGB</b>	<b>RGB</b>	4.4	204	-	16.4'	3.94"	18	-	Individually control Red, Green, Blue and White (white only with RGB+W)
	<b>RGB+W</b>	6.78	364	-	10.7'	3.54"	81		

\* Lumen output based on 3000K / 90CRI. For other output information, please consult SENSO.

## Key LED Strip Features

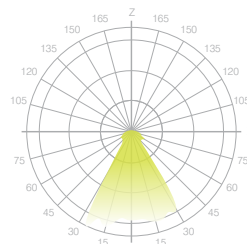
- 3 STEP MacAdam LEDs or Single Bin LEDs
- Stabilized current design
- LED strip efficacy up to 171 lm/W
- Only 8 mm width
- 24V DC voltage input
- Reverse voltage protection
- Thermal conductive adhesive on back side for better heat conduction
- 50,000 hour life expectancy

## Lens/Light Distribution

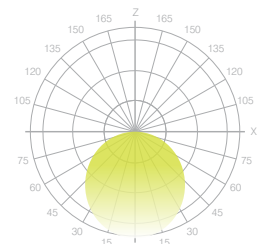
part number **500** (frosted 65% transparent)  
**502** (clear 95% transparent)

- PMMA construction
- Easily clipped in profile
- Comes pre-cut to match profile length
- Flush

**Clear Lens**



**Frosted Lens**



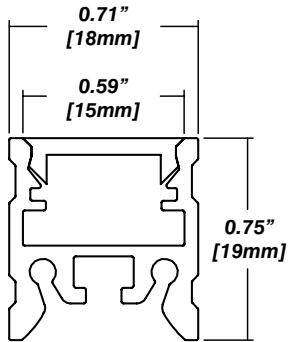
## Construction

- Housing: Aluminum extrusion
- Made in Canada

## Installation

- Factory assembled for easy and fast installation
- Electrical wire included

## Dimensions



## Switch Options



### Touch dimmer/switch

part number **555-915-25-00-02** (clear, black)  
**555-915-25-00-08** (clear, silver)  
**555-915-25-01-02** (frosted, black)  
**555-915-25-01-08** (frosted, silver)

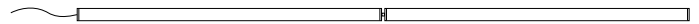
dimensions **55mm long**

### Motion sensor

part number **555-915-26-00-02** (clear, black)  
**555-915-26-00-08** (clear, silver)  
**555-915-26-01-02** (frosted, black)  
**555-915-26-01-08** (frosted, silver)

dimensions **70mm long**

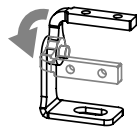
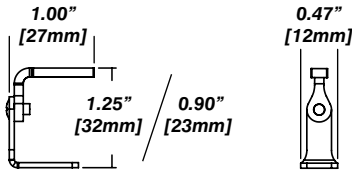
## Joining Sections



## Standard Adjustable Bracket

part number **555-915-11-02** (black)  
**555-915-11-08** (silver)

- Tilts up to 130°
- Aluminum construction



## Flush Mount Clip

part number **555-915-20**

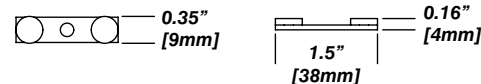
- Steel construction
- Profile is mounted flush to surface
- Not visible once installed
- For flat surfaces only



## Mounting Magnet

part number **555-915-14**

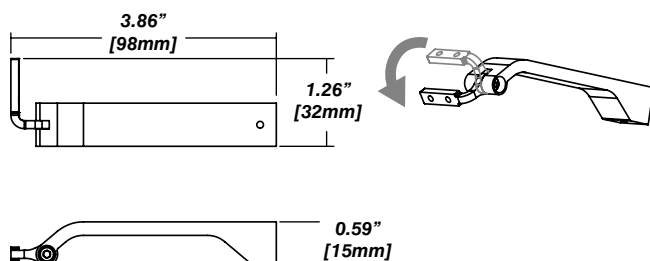
- Used to install profiles on metallic surfaces
- Profile is mounted flush to surface
- Pre-installed



## Long Adjustable Bracket

part number **555-915-12-02** (black)  
**555-915-12-08** (silver)

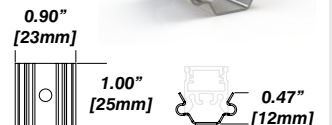
- Allows the profile to be mounted further from the surface: approx. 3" [75mm] depending on orientation of profile
- Aluminum construction



## Mounting Clip

part number **555-915-21**

- Steel construction
- Profile is mounted flush to surface
- For outdoor applications



## Drivers for Linear Aluminum Profile

### Driver Data

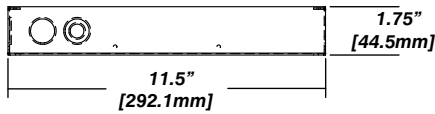
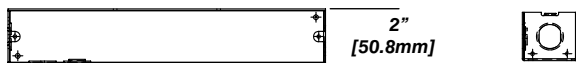
Driver	Output Voltage	Input voltage	Wattage	Efficiency @ Max Load	Power Factor	Dim Level	Dim Protocol	
<b>STD</b>	24V	120V, 277V, 347V	25W - 96W	86%	>0.90	N/A	N/A	
<b>DIM</b>		120V	40W - 96W	>90%	>0.95	1%	Magnetic	
<b>LCS</b>		120V, 277V, 347V	60W - 96W	>87%	>0.95	10%	0-10V	
<b>DALI</b>		120V, 277V	96W			>0.94	0.1%	DALI
<b>DMX</b>		120V, 277V	25W - 96W				1%	DMX
<b>LUTRON</b>		120V, 277V	96W	90%	>0.99	0.1%	ECO System	

### Features

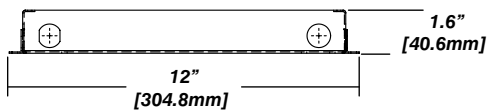
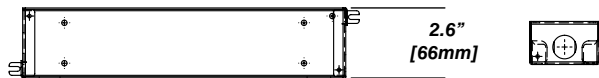
- CSA Approved
- Class 2, Class P
- Auto-reset protection for short circuit and over-temperature
- Overload protection

### STD / DMX

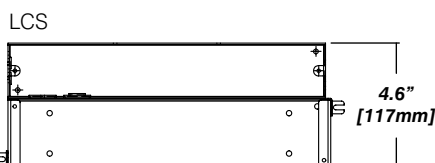
DMX requires decoder



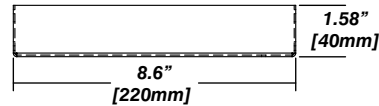
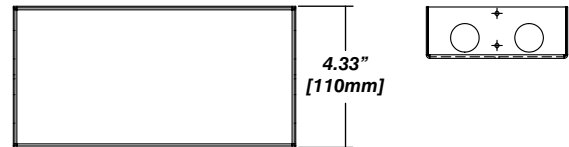
### LCS



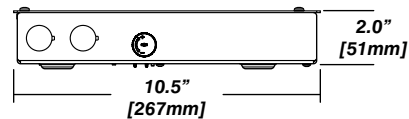
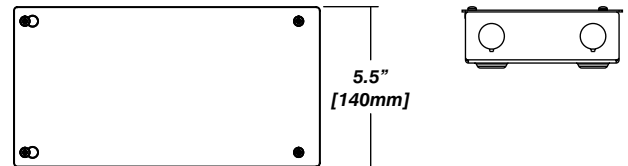
### 347V



### DALI



### LUTRON



### DIM

